

JDS

Soybeans for skin pigmentation

Derwent WPI (some of these may be duplicate patent citations from Chemical Abstracts)

L13 ANSWER 5 OF 29 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
ACCESSION NUMBER: 95-085327 [12] WPIDS
DOC. NO. CPI: C95-038746
TITLE: ***Skin*** ***whitening*** lotion - is
prepd. from penicillium mould.
DERWENT CLASS: B04 D16 ***D21***
PATENT ASSIGNEE(S): (DOWA) DOWA MINING CO LTD
COUNTRY COUNT: 1
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 07010737	A	950113	(9512)*		5

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 07010737	A	JP 93-174866	930622

PRIORITY APPLN. INFO: JP 93-174866 930622

AN 95-085327 [12] WPIDS

AB JP07010737 A UPAB: 950328

Facial agent comprises preparing a fermentative from the medium where moulds belonging to the Penicillium genus are used and mixed.

The cultivation medium contains (1) glucose, starch, dextrin, glycerin, molasses, organic acids, and these mixtures for C source; (2) ***soybean*** powder, meat extract, yeast extract, cottonseed, peptone, wheat germs, and ammonium sulphate for N source and (3) calcium carbonate, potassium chloride, sodium chloride, magnesium sulphate, copper sulphate, manganese chloride, zinc sulphate, cobalt chloride, and different types of phosphate, for inorganic salts. The cultivation may be carried out at 25 to 30 deg. C under aerobic conditions. The cultivation period requires 4 to 7 days and the medium is adjusted to pH 5-8.

ADVANTAGE - The fermentative has the excellent ***skin*** ***whitening*** effect, active oxygen inhibiting effect, and cell activating effect. The facial agent can be stored for a long term, without losing its activity.

Dwg.0/0

L13 ANSWER 9 OF 29 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
ACCESSION NUMBER: 94-012198 [02] WPIDS
DOC. NO. CPI: C94-005574
TITLE: Active oxygen scavenger obtd. from beans - by
extraction with water or organic solvents, useful

as antiulcer agent, cosmetic etc..
DERWENT CLASS: B04 D13 ***D21***
PATENT ASSIGNEE(S): (SOKE-N) SOKEN KK
COUNTRY COUNT: 1
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 05320061	A	931203	(9402)*		9

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 05320061	A	JP 92-150155	920519

PRIORITY APPLN. INFO: JP 92-150155 920519

AN 94-012198 [02] WPIDS

AB JP05320061 A UPAB: 940223

Scavenger comprises the extract of bean obtd. using water or organic solvent, or squeezed juice of raw beans. Examples of bean are ***soybeans***, peas, bush beans, red beans and broad beans. Extn. with water is carried out by adding water (2-5 fold of the beans) to the crushed or powdered beans, and heated gradually until it starts to boil. Then the extract is pressed or filtered to give clear extracted soln.. The temp. of the extn. is pref. high, and when the extn. is carried out at low temp., it requires 1 day-1 month. When the beans whose main component is starch are used for extn., amylase or HCl is pref. added to avoid gluing. Example of organic solvent is pref. alcohol.

USE/ADVANTAGE - The active oxygen scavenger is prepd. easily. The scavenger is very safe and heat stable, and has excellent active oxygen scavenging effect as well as antibacterial, ***colouring*** inhibiting and anti-oxidising activities. The scavenger is used as medical agents such as antiulcer agent and dermal treatment against dry ***skin*** and pimples, cosmetics such as cream, milky lotion, cleansing cream and soaps, and food. The method increases the usage of beans.

Dwg.0/0

L13 ANSWER 10 OF 29 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

ACCESSION NUMBER: 94-012183 [02] WPIDS

DOC. NO. CPI: C94-005559

TITLE: ***Skin*** - ***whitening*** cosmetic material - contg one or more of vitamin K1-K7, homologues, salts, etc..

DERWENT CLASS: B05 ***D21*** E14

PATENT ASSIGNEE(S): (TAIC) TAIYO KAGAKU KK; (VESU-N) VESUVIO KK

COUNTRY COUNT: 1

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
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JP 05320039 A 931203 (9402)*

7

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 05320039 A		JP 92-192651	920512

PRIORITY APPLN. INFO: JP 91-270415 910920

AN 94-012183 [02] WPIDS

AB JP05320039 A UPAB: 940223

Skin - ***whitening*** cosmetic material contains vitamins K1 to K7 and their homologues, stereoisomers and salts.

Available vitamin K cpds. include phylloquinone and its homologues having a side chain of a varied number of carbon atoms at the position 3, menaquinone and its homologues having side chain of a varied number of carbon atoms at the position 3, cis/trans isomers of the phylloquinone and menaquinone cpds. w.r.t. the double bond of the side chain at the position 3, 2,3-epoxy isomers, menadione, menadiol, diesters of menadiol, 4-amino-2-methyl-1-naphthol, 2-methyl-1,4-naphthalene diamine and 4-amino-3-methyl-1-naphthol. The vitamin K cpds. are typically extracted from green leaves of alfalfa, Japanese chestnut trees, spinach, cabbage and seaweed, ***soybean*** oil, pig liver oil, decayed fish flesh and bacterial. The addn. ratio of the vitamin cpds. is usually 0.001-10 wt.%, pref. 0.01-1 wt.%. Other ***skin*** - ***whitening*** ingredients are opt. used together.

USE/ADVANTAGE - The material ***whitens*** the ***skin*** beautifully and is safe to the human body and stable.
Dwg.0/0

L13 ANSWER 11 OF 29 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD.

ACCESSION NUMBER: 94-012170 [02] WPIDS

DOC. NO. CPI: C94-005546

TITLE: ***Skin*** - ***whitening*** cosmetic material, having good ***whitening*** effect and safety - comprises at least one extract of crude drugs comprising Mori Cortex, black ***soybean***, fruit or xanthium strumarium L, compositae and keiketsuto.

DERWENT CLASS: ***D21***

PATENT ASSIGNEE(S): (DOWA) DOWA MINING CO LTD

COUNTRY COUNT: 1

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 05320024 A		931203 (9402)*			4

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE

JP 05320024 A

JP 92-154414 920521

PRIORITY APPLN. INFO: JP 92-154414 920521

AN 94-012170 [02] WPIDS

AB JP05320024 A UPAB: 940223

Material contains at least one extract of crude druges comprising Mori Cortex, black soybeam, the fruit of Xanthium strumarium L., Compositae, and Keiketsuto. The extracting solvent is e.g. one or a mixt. of methanol, ethanol, propanol, isopropyl alcohol and water. The most pref. solvent is hydrated alcohol of an alcohol concn. 20-70%.

USE - The safe material has high action of inhibiting ***tyrosinase*** activity and controlling melanism. It exerts high ***skin*** - ***whitening*** effect in small blend amt.
Dwg.0

L13 ANSWER 12 OF 29 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

ACCESSION NUMBER: 92-253484 [31] WPIDS

DOC. NO. CPI: C92-112780

TITLE: Safe external ***skin*** agent
whitening ***skin*** and preventing
rough ***skin*** - contains at least one
protease inhibitor, e.g. ***soybean*** trypsin
inhibitor, and at least one ketose.

DERWENT CLASS: B05 ***D21***

PATENT ASSIGNEE(S): (SHIS) SHISEIDO CO LTD

COUNTRY COUNT: 1

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 04169514	A	920617	(9231)*		7

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 04169514	A	JP 90-295677	901101

PRIORITY APPLN. INFO: JP 90-295677 901101

AN 92-253484 [31] WPIDS

AB JP04169514 A UPAB: 931006

The agent contains at least one protease inhibitor and at least one ketose. The inhibitor is e.g. one or a mixt. of cattle spleen originated basic trypsin inhibitor, ***soybean*** trypsin inhibitor, maize protease inhibitor, benzamine, phenyl guanodine, acetamide, phenyl gluandineand 4-aminomethylbicyclo(2.2.2) octane-1-carboxylic acid.

USE - The agent prevents rough ***skin*** , ***whitens***
the ***skin*** beautifully and is safe.
0/0

L13 ANSWER 13 OF 29 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
 ACCESSION NUMBER: 92-073965 [10] WPIDS
 TITLE: Washing compsn. preventing and ameliorating
 skin irritation - comprises at least one
 cpd. having a protease inhibitory activity and
 dermatologically acceptable components for washing
 compsns..
 DERWENT CLASS: B03 B05 ***D21*** D25 E13 E14
 INVENTOR(S): AKIYAMA, N; KASAHARA, E; KITAMURA, K; NAKAYAMA, Y
 PATENT ASSIGNEE(S): (SHIS) SHISEIDO CO LTD
 COUNTRY COUNT: 7
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
EP 473502	A	920304	(9210)	*	
R: DE FR GB IT					
CA 2049728	A	920225	(9220)		
JP 04106199	A	920408	(9221)		8
JP 04169520	A	920617	(9231)		8
US 5306444	A	940426	(9416)		9
EP 473502	B1	960214	(9611)	EN	10
R: DE FR GB IT					
DE 69117117	E	960328	(9618)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
EP 473502	A	EP 91-402307	910823
CA 2049728	A	CA 91-2049728	910822
JP 04106199	A	JP 90-223553	900824
JP 04169520	A	JP 90-295678	901101
US 5306444	A Cont of	US 91-748230	910821
		US 93-96206	930721
EP 473502	B1	EP 91-402307	910823
DE 69117117	E	DE 91-617117	910823
		EP 91-402307	910823

FILING DETAILS:

PATENT NO	KIND	PATENT NO
DE 69117117	E Based on	EP 473502

PRIORITY APPLN. INFO: JP 90-223553 900824; JP 90-295678 901101

AN 92-073965 [10] WPIDS

AB EP 473502 A UPAB: 931006

A washing compsn. comprises at least one cpd. having a protease inhibitory activity and dermatologically acceptable components for a conventional washing compsn.

The cpd. having protease inhibitory activity is used in an amt. of 0.0001-20 wt.% of the compsn. and is derived from animals or vegetables selected from a bovine pancreas base's trypsin inhibitor,

aprotinin, ***soybean*** trypsin inhibitor, lima bean protease inhibitor and corn protease inhibitor or derived from microorganisms component selected from antipine, plasminostreptin and cpds. known as leupeptine.

USE/ADVANTAGE - The compsn. is useful for domestic or business use of as a ***skin*** cleanser compsn. The cpd. with protease inhibitory activity prevents ameliorates ***skin*** irritation and at the same time, is harmless to the human body and has a strong washing power. @ (23pp Dwg.No.0/0

ABEQ JP04106199 A UPAB: 931006

A new detergent compsn. contains one or a mixt. of cpds. having protease-inhibiting action. The compsn. is opt. one of washing detergents and auxiliaries, stain removers, kitchen detergents, carpet shampoos, window and blind cleaners, detergents for hard surfaces and walls, label-peeling agents, car polishes, cleaners for car parts, metal cleaners, shoe cleaners and deodorants. Available cpds. having the inhibiting action include bovine spleen basic trypsin inhibitor, aprotinin, ***soybean*** trypsin inhibitor, maize protease inhibitor, benzamidine, p-aminobenzamidine, phenylguanodine, acetamide, 2-phenylacetamide, phenyl guanidine, p-aminomethyl benzoic acid, 3-(trans-4(aminomethyl) cyclohexyl)-2-oxo-propionate, diisopropyl fluorophosphoric acid, phenylmethane sulphonyl fluoride and p-nitrophenyl-p' -gluanidino benzoic acid. The blend ratio of the inhibiting cpds. is usually 0.0001-20 (0.001-5) wt. %.

USE/ADVANTAGE - The compsn. has good effects of preventing and curing rough ***skin***, having high safety and detergency.

ABEQ JP04169520 A UPAB: 931006

Skin cleaning compsn. contains one or more cpds. having protease-inhibiting action.

The protease-inhibitors include basic trypsin inhibitor from cattle-spleen, ***soybean*** trypsin inhibitor, benzamidine, p-aminobenzamidine, acetamide, phenyl guanidine, tranexamic acid, p-aminomethyl benzoic acid, trans-4-(aminomethyl)cyclohexane hydroxamic acid, $\text{NH}_2(\text{CH}_2)\text{COOM}$ ($n = 1-8$); diisopropyl fluorophosphoric acid, phenyl methane sulphonyl fluoride, p-nitrophenyl-p'-guanidinobenzoic acid, lysine and arginine. The blend ratio of the inhibiting agents is pref. 0.0001-20 wt. % more pref. 0.01-5 wt. %. Ordinary ingredients for ***skin*** cleaner compsns. are opt. blended, including surfactants, ***colourants***, preservatives, sequestering agents, antistatic agents, precipitation-preventing agents, antioxidants, perfumes, moisture-retaining agents, antiinflammatory agents, disinfectants, and vitamins.

USE/ADVANTAGE - The compsn. prevents and cures rough ***skin*** and has high safety to the ***skin*** and high detergency
0/0

ABEQ US 5306444 A UPAB: 940608

The improvement in a surfactant-contg. washing compsn. comprises addn. 0.00001-20 wt.% of a protease inhibitor, viz. leupeptin of formula $\text{R}_1\text{R}_2\text{R}_3\text{NH}-\text{CH}(\text{CHO})-(\text{CH}_2)_3-\text{NH}-\text{CH}(\text{NH}_2)=\text{N}(+)\text{H}_2$ (I) or a tranexamic acid cpd.. In (I), R_1 is CH_3CO , $\text{CH}_2\text{CH}_2\text{CO}$; R_2 and R_3 are independently L-Leu, L-Ile, or L-Val. Tranexamic acid cpds. include

tranexamic, p-aminomethylbenzoic acids, 4-aminomethylbicyclo(2,2,2)-octane-1-carboxylic acid, 5-(trans-4(aminomethyl)cyclohexyl)tetrazole, glyoxal monohydrate, hydroxamic acid, etc. and cpds. of formula $\text{NH}_2(\text{CH}_2)_n\text{COOH}$ where n is 18.

USE/ADVANTAGE - Used for domestic, business detergent or ***skin*** cleanser, preventing ameliorates ***skin*** irritation.

Dwg.0/0

ABEQ EP 473502 B UPAB: 960315

A washing composition comprising at least one surfactant and 0.0001% to 20% by weight based on the total amount of the composition, of at least one compound selected from the group consisting of leupeptin having the formula (I), wherein $\text{R}_1 = \text{CH}_3\text{CO}$, $\text{CH}_3\text{CH}_2\text{CO}$, $\text{R}_2 = \text{L-Leu}$, L-Ile , L-Val , $\text{R}_3 = \text{L-Leu}$, L-Ile , L-Val (Leu:leucine, Ile:isoleucine, Val:valine), tranexamic acid, p-aminomethylbenzoic acid, 4-aminomethylbicyclo(2,2,2)-octane-1-carboxylic acid, 5-[trans-4(aminomethyl)-cyclohexyl]tetrazole, 3-[trans-4(aminomethyl)-cyclohexyl-2-oxopropionate, trans-4(aminomethyl)-cyclohexyl glyoxal monohydrate, and trans-4(aminomethyl)cyclohexane hydroxamic acid, and epsilon-amino-caproic acid.

Dwg.0/0

L13 ANSWER 16 OF 29 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

ACCESSION NUMBER: 91-203617 [28] WPIDS

DOC. NO. CPI: C91-088213

TITLE: ***Skin*** - ***whitening*** cosmetic material - contains a ***soybean*** milk fermented by lactic acid bacteria e.g. streptococcus thermophilus.

DERWENT CLASS: D16 ***D21***

PATENT ASSIGNEE(S): (SANP) SANSHO PHARM CO LTD; (YASU-N) YASUKOCHI SOGO SHOKUHIN

COUNTRY COUNT: 1

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
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JP 03127713	A	910530	(9128)*		
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APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 03127713	A	JP 89-263746	891009

PRIORITY APPLN. INFO: JP 89-263746 891009

AN 91-203617 [28] WPIDS

AB JP03127713 A UPAB: 930928

Cosmetic material contains a ***soybean*** milk fermented by lactic acid bacteria. The bacteria are e.g. Streptococcus thermophilus, Streptococcus lactis, Lactobacillus delbrueckii, Lactobacillus bulgaricus, Lactobacillus casei, Lactobacillus acidophilus and/or Lactobacillus thermophilus. Content of the

effective ingredients is e.g. 0.01-100 wt.%.

USE - For providing a safe material having a ***skin*** -
whitening effect.

0/0

ANSWER 18 OF 29 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
ACCESSION NUMBER: 89-343215 [47] WPIDS
DOC. NO. CPI: C89-151994
TITLE: ***Skin*** cosmetic effective for blotches,
freckles and rough ***skin*** -
contains fermented prod. of Neurospora sitophila.
DERWENT CLASS: D16 ***D21***
PATENT ASSIGNEE(S): (SANK-N) SANKO SEIBUTSU KAGA
COUNTRY COUNT: 1
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 01254611	A	891011	(8947)*		7
JP 2607115	B2	970507	(9723)		6

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 01254611	A	JP 88-81985	880401
JP 2607115	B2	JP 88-81985	880401

FILING DETAILS:

PATENT NO	KIND	PATENT NO
JP 2607115	B2 Previous Publ.	JP 01254611

PRIORITY APPLN. INFO: JP 88-81985 880401

AN 89-343215 [47] WPIDS

AB JP01254611 A UPAB: 930923

A new ***skin*** cosmetic material contains fermented prod. of Neurospora sitophila. The prod. is pref. the fermented prod., fermented liq., and their extract, esp. Ontjom (an Indonesian traditional fermented food).

The prod. is pref. fermented prod. obtd. by making Neurospora sitophila act on a medium contg. peanuts and/or ***soybeans***. Available nitrogen sources (other than the beans) include casein, peptone, skim milk, yeast extract, decomposed prods. of proteins, and ammonium salts; and available carbon sources include glucose, sucrose, lactose, dextrin, and glycerol. The raw material is pref. heat-treated less of peanuts or ***soybeans***.

USE/ADVANTAGE - The material is very effective for preventing blotches, ***freckles***, and rough ***skin***.

0/0

L13 ANSWER 19 OF 29 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
ACCESSION NUMBER: 89-160786 [22] WPIDS

DOC. NO. CPI: C89-071263
 TITLE: ***Skin*** cosmetic material for treating blotches, ***freckles***, and rough ***skin*** - contains Rhizopus bacterium fermented ***soybean*** prod..
 DERWENT CLASS: D16 ***D21***
 PATENT ASSIGNEE(S): (SANK-N) SANKO SEIBUTSU KAGA
 COUNTRY COUNT: 1
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 01102011	A	890419	(8922)*		7
JP 2618658	B2	970611	(9728)		6

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 01102011	A	JP 87-261273	871015
JP 2618658	B2	JP 87-261273	871015

FILING DETAILS:

PATENT NO	KIND	PATENT NO
JP 2618658	B2 Previous Publ.	JP 01102011

PRIORITY APPLN. INFO: JP 87-261273 871015

AN 89-160786 [22] WPIDS

AB JP01102011 A UPAB: 930923

A new ***skin*** cosmetic material contains the fermentation prod. obtd. by allowing a Rhizopus bacterium to act on ***soybeans*** or medium contg. ***soybeans***. The ***soybeans*** is one of processed prods., cooked prods., or compsns. sepd. from ***soybeans***. The bacterium is one or a mixt. of Rhizopus oligosporus, Rhizopus oryzae, Rhizopus arrhizus, and Rhizopus stolonifer. The fermentation prod. is one of fermented prods., fermented liqs., and their extracts, pref. a fermented prod., processed so that it contains 4',6,7-trihydroxyisoflavone.

USE/ADVANTAGE - Effective for preventing or treating blotches, ***freckles***, and rough ***skin***. The fermentation prod. contains various amino acids, peptides, sugars, organic acids such as citric acid, vitamins, and trace amts. of inorganic salts and has a good moisture-retaining effect. It also has good properties as a blend ingredient for cosmetic materials.

0/0

L13 ANSWER 24 OF 29 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

ACCESSION NUMBER: 84-034219 [06] WPIDS

DOC. NO. CPI: C84-014535

TITLE: ***Whitening*** cosmetic contg. iso-flavone cpd. - suppresses formation of ***melanin*** ***pigment***.

DERWENT CLASS: ***D21***
PATENT ASSIGNEE(S): (ICHP) ICHIMARU PHARCOS INC
COUNTRY COUNT: 1
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 58225004	A	831227	(8406)*		5
JP 60019885	B	850518	(8524)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 58225004	A	JP 82-107776	820623

PRIORITY APPLN. INFO: JP 82-107776 820623

AN 84-034219 [06] WPIDS

AB JP58225004 A UPAB: 930925

Cosmetic contg. isoflavon cpds. is prepd. by adding 1 or more isoflavone cpds. (Daidzein, Genistein, Daidzin or Genistin) to a cosmetic compsn. Cpds. are obtd. by extn. of such raw materials as ***soybeans***, Pueraria roots, etc.

Cosmetics have a high suppression effect against the formation of melamine dye as well as a high safeness to the ***skin*** of women. The pref. amt. of the isoflavone cpd. to be added is 0.005-0.1%.
0/0

L13 ANSWER 25 OF 29 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
ACCESSION NUMBER: 84-034218 [06] WPIDS
DOC. NO. CPI: C84-014534
TITLE: Cosmetic compsn. - contg. extract of fermented ***soybeans***

DERWENT CLASS: ***D21***
PATENT ASSIGNEE(S): (ICHP) ICHIMARU PHARCOS INC
COUNTRY COUNT: 1
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 58225003	A	831227	(8406)*		8
JP 61041890	B	860918	(8642)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 58225003	A	JP 82-107775	820623

PRIORITY APPLN. INFO: JP 82-107775 820623

AN 84-034218 [06] WPIDS

AB JP58225003 A UPAB: 930925

Compsn. is obtd. by treating fermented ***soybeans*** by heating or with ethylene oxide gas, mixing with water with slow stirring to separate a stringy viscous substance on the surface of the fermented ***soybeans*** and then transferring it to aq. layer, and then filtering. An equal amt. of ethanol is added to the filtrate, shaken and allowed to stand to separate the aq. layer. The aq. layer is taken out and distilled under reduced pressures to remove water and also to obtain predominantly proteinous substances extract. The extract is washed with acetone and then distilled to remove acetone under reduced pressures and then dried to obtain a powdered extract. Extract is mixed with usual cosmetic components.

Cosmetics contg. the extract have excellent moisture returning and lubricating action as well as a ***whitening*** effect on the human ***skin***.

0/0

L13 ANSWER 26 OF 29 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

ACCESSION NUMBER: 82-90731E [43] WPIDS

TITLE: ***Skin*** care base compsn. for external use -
contg. phospholipid, fatty acid ester, and
polyoxyethylene fatty acid ester.

DERWENT CLASS: ***D21*** E19

INVENTOR(S): KIMURA, K; ODA, K; OFUCHI, K

PATENT ASSIGNEE(S): (MITU) MITSUBISHI CHEM IND LTD

COUNTRY COUNT: 6

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
EP 62896	A	821020	(8243)*	EN	11
R: DE FR GB IT					
JP 57167926	A	821016	(8247)		
US 4464400	A	840807	(8434)		
EP 62896	B	870325	(8712)	EN	
R: DE FR GB IT					
DE 3275813	G	870430	(8718)		
JP 05034344	B	930521	(9323)		3

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
EP 62896	A	EP 82-102998	820407
US 4464400	A	US 82-358588	820316
JP 05034344	B	JP 81-52732	810408

FILING DETAILS:

PATENT NO	KIND	PATENT NO
JP 05034344	Based on	JP 57167926

PRIORITY APPLN. INFO: JP 81-52732 810408

AN 82-90731E [43] WPIDS

AB EP 62896 A UPAB: 930915

Skin care base material for external use consists of a phospholipid (I), a fatty acid ester (II), and a polyoxyethylene fatty acid ester (III).

Compsns. contain (by wt.) 0.05-20% pref. 0.2-6% (I); 0.02-10% (II); and 0.01-5% (III). (I) is pref. a ***soybean*** or egg phospholipid (with phosphatidylcholine content pref. 10-40%). (II) is pref. an ester of an 8-26 esp. 12-18C acid with an 8-22C prim. alcohol (esp. branched), esp. octyldodecyl myristate or oleate, or hexyldecyl dimethyloctanoate. (III) is pref. a monoester of an 8-26 esp. 12-18C fatty acid contg. 20-60 esp. 40-55 ethylene oxide units, esp. polyoxyethylene monooleate or monostearate.

The compsn. has improved stability to heat and storage, and give a good feeling when applied to the ***skin***.

ABEQ US 4464400 A UPAB: 930915

Skin care base material for external use comprises (A) 0.05-20 wt.% phospholipid, (B) 0.02-10 wt.% of an ester of an 8-26C fatty acid with an 8-22C prim. aliphatic alcohol, (C) 0.01-5 wt.% of a polyoxyethylene 8-26C fatty acid monoester contg. 20-60 ethylene oxide units and (D) a cosmetic carrier to balance.

ADVANTAGE - The material is heat and storage stable and does not ***discolour***.

ABEQ EP 62896 B UPAB: 930915

A ***skin*** care base material for external use, which comprises a phospholipid, an ester of a 8-26 carbon fatty acid with a 8-22 carbon primary alcohol and a polyoxyethylene 8-26 carbon fatty acid monoester containing 20-60 ethylene oxide units.

ABEQ JP93034344 B UPAB: 931115

Skin care base material for external use comprises (A) 0.05-20 wt.% phospholipid, (B) 0.02-10 wt.% of an ester of an 8-26C fatty acid with an 8-22C prim. aliphatic alcohol, (C) 0.01-5 wt.% of a polyoxyethylene 8-26C fatty acid monoester contg. 20-60 ethylene oxide units and (D) a cosmetic carrier to balance.

ADVANTAGE - The material is heat and storage stable and does not ***discolour***. (J57167926-A)

L13 ANSWER 28 OF 29 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

ACCESSION NUMBER: 80-19259C [11] WPIDS

TITLE: Compsn. for removing ***skin***
discolouration - includes yolk or lecithin oil, reducing sulphur-contg. cpds. and acidic bromate compsn..

DERWENT CLASS: ***D21***

PATENT ASSIGNEE(S): (SUNZ) SUN STAR HAMIGAKI K

COUNTRY COUNT: 1

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 55015429	A	800202	(8011)	*	
JP 55044043	B	801110	(8049)		

PRIORITY APPLN. INFO: JP 78-87412 780717

AN 80-19259C [11] WPIDS

AB JP55015429 A UPAB: 930902

Skin -decolourising agent consists of (a), (b) and (c) or (a') and (c), where (a) contains yolk oil or lecithin-oil mixt., (b) contains sulphur-contg. cpd. showing reducing property; (a') contains both (a) and (b); and (c) is acidic and contains bromate.

Blotches, ***freckles***, maculae and the ***discolouration*** of ***skin*** by melanoderma, can be removed by the agent without stimulating the ***skin***.

Specifically, the lecithin-oil mixt. is prepd. by mixing lecithin and vegetable oil such as ***soy*** bean oil in wt. proportion 30-40:70-60. The component (a) contains yolk oil or lecithin-oil at >50 w/w%. As the S-contg. cpd. basic thioglycolate (e.g. ammonium thioglycolate), basic thiolactate, basic thiopropionate, basic thiosalicylate, bisulphite and cysteine can be used alone or together and they are present at 1-10 w/w% in (b). As the bromate, alkali metal bromate esp. K bromate can be used. Pref. the pH of (b) or (a') is adjusted to 7.5-8.5 and pH of (c) to 6.5-5.5. Component (b) has unpleasant odour due to sulphur-contg. cpd. and it is pref. to mix the (a) and (b) in wt. proportions 9-5:1-5 and to stand the mixt. at 10-30 degrees C. for 1-3 days to suppress the odour.

L20 ANSWER 5 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

AN 94-167112 [20] WPIDS

DNC C94-076548

TI **Oxygen free-radical scavenger** - contg. epi gallo catechin gallate extracted from green tea leaves, and carotene ***pigment***, used to treat hardening of arteries and inflammation, etc.,.

DC ***B05***

IN TOGASAKI, K

PA (SKYF-N) SKY FOOD KK; (SKYF-N) SKYFOOD CO LTD

CYC 20

PI WO 9409801 A1 940511 (9420)* JA 19 pp A61K035-78

RW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

W: AU KR US

JP 06145062 A 940524 (9425) 5 pp A61K035-78

AU 9352861 A 940524 (9434) A61K035-78

JP 07112980 B2 951206 (9602) 4 pp A61K035-78

ADT WO 9409801 A1 WO 93-JP1525 931021; JP 06145062 A JP 92-295336 921104; AU 9352861 A AU 93-52861 931021, WO 93-JP1525 931021; JP 07112980 B2 JP 92-295336 921104

FDT AU 9352861 A Based on WO 9409801; JP 07112980 B2 Based on JP 06145062

PRAI JP 92-295336 921104.

REP JP 02264720; JP 59045385; JP 64025726

IC ICM A61K035-78

ICS A23L001-30; A61K031-015

ICA A61K031-35; C07D311-62

AB WO 9409801 A UPAB: 940705

Oxygen free-radical scavenger (I) contains epigallocatechin gallate extracted from green tea leaves, and carotene ***pigments*** .

The carotene ***pigment*** is pref. one or a mixt. of ***pigments*** , chosen from extracts of animal or vegetable tissue, including beta-carotene, astaxanthin canthaxanthine. The beta carotene may be all trans, 9-cis, 13-cis, 15-cis etc.. The scavenger contains 0.01-10.00 wt.% of the active agents, and also contains ***antioxidant*** e.g. ascorbic acid, vitamins E, sunflower seed oil; and flavouring agents etc.; homogenised in xanthan or guar gum, CMC, saponin, fatty acid ester, ***soybean*** protein etc.. It may also contain lactose, dextrin etc..

USE/ADVANTAGE - (I) is used to remove the oxygen free radicals formed in vivo, which are implicated in causing hardening of the arteries, inflammation, apoplexy, cancer, radiation damage, cataracts, ageing and so on. As the consumption of green tea and carotenes is an age-old practice, the components are known to be very safe.

Dwg.0/1

FS CPI
FA AB; DCN
MC CPI: B03-A; B06-A01; B14-S08

L20 ANSWER 11 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

AN 86-344275 [52] WPIDS

DNC C86-149717

TI External prepn. - contg. urea, hydrogen-added phospholipid(s), water, fat(s) and oils.

DC ***B05*** D21 E19

PA (TAIS) TAISHO PHARM CO LTD

CYC 1

PI JP 61260016 A 861118 (8652)* 5 pp

JP 05029008 B 930428 (9320) 5 pp A61K031-17

ADT JP 61260016 A JP 85-102165 850514; JP 05029008 B JP 85-102165 850514

FDT JP 05029008 B Based on JP 61260016

PRAI JP 85-102165 850514

IC A61K009-06; A61K031-17

ICM A61K031-17

ICS A61K009-06; A61K047-24

AB JP61260016 A UPAB: 930922

External prepn. contg. (a) urea, (b) hydrogen-added phospholipids, (c) water and (d) fats and oils. (1) pref. proportion of each ingredient is: (a) 5-20 wt.%; (b) 1-20 wt.%; (c) 30-80 wt.% in o/w-type prepn. and 5-15 wt.% in w/o-type prepn.; (d) 10-30 wt.% in o/w-type prepn. and 80-88 wt.% in w/o-type prepn. (2) phospholipids are hydrogen-added ***soy*** bean-and hydrogen-added yolk-phospholipids, whose iodine values are 15 or less. (3) Fats and oils are hydrocarbons, aliphatic higher alcohols, esters of higher fatty acids and alcohols, esters of higher acids and lower alcohols, vegetable oils, esters of acids and glycerin esters of acids and propylene glycol and acids. (4) Gelling agents, wetting or chelating reagents, antiseptic or pH adjusting agents, ***antioxidants*** , antibiotics, antihistaminics, fungicides antiinflammatory drugs, vitamins and nonionic surfactants are opt. added. (5) The prepn. is made by: hydrogen-added phospholipids are dissolved in heated fats

and oils. Heated urea aq. soln. is added and the resulting mixt. is cooled while suspended.

USE/ADVANTAGE - Effect of therapy for keratosis is high.

Colour change and deterioration of the prep. is avoided without ***antioxidants***.

0/0

FS CPI

FA AB

MC CPI: B04-B01B; B10-A13C; B10-E04; B10-G02; B10-J02; B12-A07;
D08-B09A; D09-A; E05-G09D; E10-A13B; E10-E04G; E10-E04K;
E10-E04L; E10-G02G; E10-G02H; E10-J02D

L20 ANSWER 14 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

AN 83-791032 [42] WPIDS

DNC C83-100407

TI Antiinflammatory ***skin*** admin. preparation - contains non-steroidal antiinflammatory and phospholipid of specified phosphatidyl choline content.

DC ***B05***

PA (MITU) MITSUBISHI CHEM IND LTD

CYC 1

PI JP 58150508 A 830907 (8342)* 7 pp

PRAI JP 82-32682 820302

IC A61K009-06

AB JP58150508 A UPAB: 930925

The preparation contains a nonsteroidal antiinflammatory agent and a phospholipid having a phosphatidyl choline content of 10-40 wt.%. Pref. preparation further contains butylhydroxy anisole and/or butylhydroxy toluene.

The phospholipid is e.g. ***soybean*** lecithin containing about 25-35 wt.% of phosphatidyl choline. The amt. of the phospholipid used is 0.1-30, pref. 0.2-7 wt.%. The antiinflammatory agent is indomethacin, methyl salicylate, ibuprofen, naproxen etc.

The activity of the nonsteroidal antiinflammatory agent is improved. The preparation is used to treat eczema, lichen, ichthyosis, myositis and arthritis. The nonsteroidal antiinflammatory agent is effectively distributed onto ***skin*** for a long period. The preparation is stable for a long period and only small ***colour*** change occurs.

0/0

FS CPI

FA AB

MC CPI: B04-B01B; B05-B01P; B06-D01; B10-C04B; B10-E02; B12-A07;
B12-C09; B12-D03; B12-D07